

Amendments to the Claims:

1. (Currently amended) A photopolymerizable composition which comprises at least one photopolymerizable monomer, at least one photopolymerization initiator, and at least one long chain alkylamine which is (a) one or more of tetradecyldimethylamine, hexadecyldimethylamine, and octadecyldimethylamine, or (b) one or more trialkyl amines each having a total of 17 to about 38 carbon atoms in the molecule, and wherein one of the alkyl groups is methyl, and the other two alkyl groups are the same or different, and each is a primary alkyl group containing, independently, in the range of 8 to about 22 carbon atoms ~~having (i) one or two methyl or ethyl groups and (ii) at least one alkyl group having a chain length of at least 8 carbon atoms.~~

2. (Original) A composition as in Claim 1 wherein said composition is devoid of any component having one or more free carboxyl groups.

3. (Cancelled)

4. (Previously presented) A composition as in Claim 1 wherein said photopolymerization initiator is one or more Type I photoinitiators.

5. (Previously presented) A composition as in Claim 1 wherein said photopolymerization initiator is one or more Type II photoinitiators.

6-10. (Cancelled)

11. (Currently amended) A composition as in Claim 1 ~~10~~ wherein said one or more trialkylamines is didecylmethylamine.

12. (Previously presented) A composition as in Claim 1 further comprising at least one pigment, dye, or other color-producing substance whereby the composition is adapted

for forming permanent printed, decorative, or pictorial matter on a substrate when applied thereto and photopolymerization in place.

13. (Previously presented) A photopolymerized composition or article formed from a composition as in Claim 1.

14. (Original) A photopolymerized composition or article as in Claim 13 wherein said photopolymerized composition or article is an unwashed composition or article.

15. (Original) A photopolymerized composition or article as in Claim 13 wherein said photopolymerized composition or article is in the form of a thin coating on paper or thin paperboard stock.

16. (Original) A photopolymerized composition or article as in Claim 15 wherein said photopolymerized composition or article is an unwashed composition or article.

17. (Previously presented) A method of forming a photopolymerized composition or article, which method comprises exposing a photopolymerizable composition as in claim 1 to sufficient radiation to photopolymerize said photopolymerizable composition.

18. (Original) A method as in Claim 17 wherein the photopolymerization is effected using coherent radiation.

19. (Original) A method as in Claim 17 wherein the photopolymerization is effected using non-coherent radiation.

20. (Previously presented) A method as in Claim 17 wherein said photopolymerizable composition is photopolymerized as a thin coating on a travelling web.

21. (Previously presented) A method as in Claim 17 wherein said photopolymerizable composition is photopolymerized as an a coating or laminate on a substrate.

22. (Previously presented) A method as in Claim 17 wherein said photopolymerizable composition is photopolymerized as an article or shape while in a mold.

23. (Currently amended) A photopolymerizable composition as in Claim 1 which comprises at least one photopolymerizable monomer, at least one photopolymerization initiator, and at least one long chain alkylamine having (i) one or two methyl or ethyl groups and (ii) at least one alkyl group having a chain length of at least 8 carbon atoms, and further comprising at least one short chain tertiary amino compound containing at least two electronegative atoms in the molecule, at least one of which is a tertiary nitrogen atom and another of which is an oxygen atom or a tertiary nitrogen atom, and wherein the electronegative atoms are bonded only to short chain alkyl groups or to short chain alkylene groups, and wherein the compound has a total of at least 4 abstractable hydrogen atoms in positions alpha to at least some of the electronegative atoms in the compound, wherein said compound is N-[3-(dimethylamino)propyl]-N,N',N'-trimethyl-1,3-propanediamine, 2,2'-oxybis[N,N-dimethylethanamine], N,N-dimethyl-4-morpholineethanamine, and wherein said composition further comprises 2-hydroxy-2-methyl-1-phenylpropane-1-one.

24. (Original) A composition as in claim 23 wherein said compound has a total of at least 6 abstractable hydrogen atoms in positions alpha to at least some of the electronegative atoms in the compound.

25. (Cancelled)

26. (Previously presented) A photopolymerized composition or article formed from a composition as in Claim 23.

27-33. (Cancelled)

34. (Currently amended) A composition as in Claim ~~23~~ ~~33~~ wherein when said compound is N,N-dimethyl-4-morpholineethanamine, said long chain amine is dodecyldimethyl amine.

35. (Currently amended) A method of (A) minimizing blushing, discoloration and premature degradation of a polymer formed by the photopolymerization of a photopolymerizable composition which comprises at least one photopolymerizable monomer, and at least one Type I photopolymerization initiator, or (B) eliminating or minimizing extractables, discoloration, and premature degradation of a film having a thickness of 2 mils or less where said film is formed by the photopolymerization of a photopolymerizable composition which comprises at least one photopolymerizable monomer, and at least one Type II photopolymerization initiator, said method characterized by including in the composition of (A) or of (B) before photopolymerization, at least one long chain alkylamine which is tetradecyldimethylamine, hexadecyldimethylamine, octadecyldimethylamine, or didecylmethylamine ~~having (i) one or two methyl or ethyl groups and (ii) at least one alkyl group having a chain length of at least 8 carbon atoms.~~

36. (Original) A method as in Claim 35 wherein said method is the method of (A).

37. (Original) A method as in Claim 35 wherein said method is the method of (B).

38-44. (Cancelled)